| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|----------|--|--|---------------------|---------|------------------|
| L1 | 11482 | "data center" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L2 | 1 | L1 same volume\$1 same (identifi\$6 ID\$1) same (mirror\$3 duplicat\$3 cop\$3) same destination | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L3 | 21 | volume\$1 same (identifi\$6 ID\$1) same (mirror\$3 duplicat\$3 cop\$3) same destination same origin\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L4 | 2 | "20050010733".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L5 | 2 | "20050138309".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 12:49 |
| L6 | 25669086 | @ad<"20040317" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L7 | 12 | L3 and L6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |

| | | (1) (2) (2) | LIC DOSLIE | 00 | 055 | 2020/12/22 |
|-----|-----|---|--|----|-----|------------------|
| L8 | 23 | volume\$1 same (identifi\$6 ID\$1) same (mirror\$3 duplicat\$3 cop\$3) and destination same origin\$5 and identifi\$6 with compar\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L9 | 0 | L1 same volumes with (identifi\$6 ID\$1) same (mirror\$3 duplicat\$3 cop\$3) with destination | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L10 | 17 | (volume\$1 disk\$1 array\$1) with (identifi\$6 ID\$1) with (mirror\$3 duplicat\$3 cop\$3) same destination and identifi\$6 with compar\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L11 | 498 | (volume\$1 disk\$1 array\$1) same (identifi\$6 ID\$1) same (mirror\$3 duplicat\$3 cop\$3) and destination and identifi\$6 with compar\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L12 | | L6 and L10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L13 | 2 | "20040039890".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L14 | 20 | L6 and L8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |

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|-----|-------|---|--|------|-----|------------------|
| L15 | 229 | (volume\$1 disk\$1 array\$1) same (identifi\$6 ID\$1) same (mirror\$3 duplicat\$3 cop\$3) and destination same origin\$5 and identifi\$6 with compar\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L16 | 208 | L6 and L15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L17 | 2 | "20030200275".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2006/12/22 10:54 |
| L18 | 32671 | "711".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 10:54 |
| L19 | 8 | L16 and L18 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 11:33 |
| L20 | 60 | addition same identifi\$6 same (mirror\$3 duplicat\$3 cop\$3) same (volume\$1 disk\$1 array\$1) and delet\$3 same identifi\$6 same (mirror\$3 duplicat\$3 cop\$3) same (volume\$1 disk\$1 array\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR , | OFF | 2006/12/22 11:37 |
| L21 | 33 | 6 and 20 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 12:23 |

| L22 | 0 | "identification information" and "copy destination" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; | OR | OFF | 2006/12/22 12:24 |
|-----|------|--|--|----|-----|------------------|
| · | | | DERWENT; IBM_TDB | | | |
| L23 | 523 | identif\$7 same (mirror\$3 duplicat\$3 cop\$3 backup\$1 back-up\$1) same destination and compar\$4 same list\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 12:26 |
| L24 | 222 | identif\$7 same (mirror\$3 duplicat\$3 cop\$3 backup\$1 back-up\$1) same destination and compar\$4 same list\$1 and destination with select\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 12:27 |
| L25 | 5 | 6 and 18 and 24 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 12:38 |
| L26 | 1792 | 711/162.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 12:39 |
| L27 | 2462 | 711/154.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 12:39 |
| L28 | 589 | 711/161.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 12:39 |

| L29 | 1 | copy adj group\$1 and definition\$1 same list\$1 same volume\$1 same compar\$4 and volume\$1 with (added addition) and volume\$1 with (delet\$3 remov\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 12:51 |
|-----|------|---|--|----|-----|------------------|
| L30 | 1 | copy adj group\$1 and definition\$1 same list\$1 same (volume\$1 disk\$1 array\$1) same compar\$4 and (volume\$1 disk\$1 array\$1) with (added addition add adds) and (volume\$1 disk\$1 array\$1) with (delet\$3 remov\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 12:52 |
| L31 | 1 | copy adj group\$1 and definition\$1 with list\$1 same (volume\$1 disk\$1 array\$1) and compar\$4 and (volume\$1 disk\$1 array\$1) with (added addition add adds) and (volume\$1 disk\$1 array\$1) with (delet\$3 remov\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 13:02 |
| L32 | 5 | copy adj group\$1 and definition\$1 same (volume\$1 disk\$1 array\$1) and compar\$4 and (volume\$1 disk\$1 array\$1) with (added addition add adds) and (volume\$1 disk\$1 array\$1) with (delet\$3 remov\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 13:03 |
| L33 | 1 | 6 and 32 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 13:07 |
| L34 | 2446 | 711/170.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 13:07 |
| L35 | 1046 | 711/173.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 13:08 |

| L36 | 579 | 711/171.ccls. | US-PGPUB; | OR | OFF | 2006/12/22 12:12 |
|-----|-----|--|--|------|-----|------------------|
| | 379 | /11/1/1.CCIS. | USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | · | · | 2006/12/22 13:13 |
| L37 | 24 | (18 26 27 28 34 35 36) and 6 and (10 16 3 8 20 24 32) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2006/12/22 13:18 |
| L41 | 19 | compar\$4 with list\$1 with (mirror\$3 duplicat\$3 cop\$3 backup\$1 back-up\$1) with read\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 13:59 |
| L43 | 94 | hiraiwa.in. | US-PGPUB | OR | OFF | 2006/12/22 13:59 |
| L44 | 1 | 43 and "identification information". clm. | US-PGPUB | OR | OFF | 2006/12/22 13:59 |
| L45 | 1 | 43 and "comparing step".clm. | US-PGPUB | OR | OFF | 2006/12/22 14:00 |
| L46 | | 41 and 6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 14:14 |
| L47 | 5 | configuration with copy same virtual same add\$3 same (delet\$3 remov\$3) . | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR ` | OFF | 2006/12/22 14:19 |
| L48 | 0 | 6 and 47 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 14:15 |

| L49 | 18 | compar\$4 with list with (cop\$3 duplicat\$3 mirror\$3) with read\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 14:20 |
|-----|----|--|--|----|-----|------------------|
| L50 | 13 | 6 and 49 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/22 14:20 |



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- #6 ((identification<in>metadata)<and>(list<in>metadata))<and>(volume<in>metadata)
- #7 ((copies<in>metadata) <and> (compared<in>metadata)) <and> (volume<in>metadata)
- #8 ((duplication<in>metadata)<and>(comparison<in>metadata))<and>(volume<in>metadata)
- #9 ((duplication<in>metadata)<and>(comparison<in>metadata))<and>(list<in>metadata)
- #10 ((addition<in>metadata) <and> (identification<in>metadata)) <and> (volume<in>metadata)
- #11 ((deletion<in>metadata)<and>(identification<in>metadata))
 <and>(volume<in>metadata)
- #12 ((virtual volume<in>metadata) <and> (copy definition<in>metadata))<and> (destination<in>metadata)
- #13 ((virtual volume<in>metadata) <and> (copy<in>metadata)) <and> (destination<in>metadata)
- #14 ((volume<in>metadata) <and> (copy<in>metadata))<and> (destination<in>metadata)